

Utah Department of Health
Bureau of Epidemiology - Tuberculosis (TB) Control
Monthly TB Case Report Summary, Utah, June 2011

TB Cases By Age Group

Age Group (in years)	Current Month		Cumulative YTD		Previous 5-yr YTD average	
	Cases	Percent	Cases	Percent	Cases	Percent
0 to 4	1	16.7	1	4.3	0.8	4.7
5 to 14	0	0.0	1	4.3	0.6	3.5
15 to 24	0	0.0	3	13.0	3.0	17.6
25 to 34	1	16.7	7	30.4	3.2	18.8
35 to 44	0	0.0	1	4.3	2.4	14.1
45 to 54	1	16.7	2	8.7	2.4	14.1
55 to 64	1	16.7	3	13.0	1.0	5.9
65 to 74	2	33.3	4	17.4	1.6	9.4
75+	0	0.0	1	4.3	2.0	11.8
Totals	6	100.0	23	100.0	17.0	100.0

TB Cases By Gender

Gender	Current Month		Cumulative YTD		Previous 5-yr YTD average	
	Cases	Percent	Cases	Percent	Cases	Percent
Male	4	66.7	14	60.9	11.0	64.7
Female	2	33.3	9	39.1	6.0	35.3
Totals	6	100.0	23	100.0	17.0	100.0

TB Cases By Race

Race	Current Month		Cumulative YTD		Previous 5-yr YTD average	
	Cases	Percent	Cases	Percent	Cases	Percent
American Indian	1	16.7	2	8.7	0.6	3.5
Asian	2	33.3	9	39.1	3.4	20.0
Black	1	16.7	3	13.0	2.0	11.8
Pacific Islander	0	0.0	2	8.7	0.6	3.5
White	2	33.3	7	30.4	10.4	61.2
Totals	6	100.0	23	100.0	17.0	100.0

TB Cases By Ethnicity

Ethnicity	Current Month		Cumulative YTD		Previous 5-yr YTD average	
	Cases	Percent	Cases	Percent	Cases	Percent
Hispanic	1	16.7	5	21.7	7.4	43.5
Not Hispanic	5	83.3	18	78.3	9.6	56.5
Totals	6	100.0	23	100.0	17.0	100.0

TB Cases By Site of Disease

Site of Disease	Current Month		Cumulative YTD		Previous 5-yr YTD average	
	Cases	Percent	Cases	Percent	Cases	Percent
Pulmonary (P)	2	33.3	9	39.1	9.2	54.1
Extrapulmonary (EP)	3	50.0	11	47.8	4.2	24.7
P & EP	1	16.7	3	13.0	3.6	21.2
Totals	6	100.0	23	100.0	17.0	100.0

TB Cases By Reporting County

County	Current Month		Cumulative YTD		Previous 5-yr YTD average	
	Cases	Percent	Cases	Percent	Cases	Percent
Beaver	0	0.0	0	0.0	0.0	0.0
Box Elder	0	0.0	0	0.0	0.0	0.0
Cache	1	16.7	2	8.7	1.4	8.2
Carbon	0	0.0	0	0.0	0.0	0.0
Daggett	0	0.0	0	0.0	0.0	0.0
Davis	0	0.0	0	0.0	1.6	9.4
Duchesne	0	0.0	0	0.0	0.0	0.0
Emery	0	0.0	0	0.0	0.0	0.0
Garfield	0	0.0	0	0.0	0.0	0.0
Grand	0	0.0	0	0.0	0.0	0.0
Iron	0	0.0	0	0.0	0.2	1.2
Juab	0	0.0	0	0.0	0.0	0.0
Kane	0	0.0	0	0.0	0.0	0.0
Millard	0	0.0	0	0.0	0.0	0.0
Morgan	0	0.0	0	0.0	0.2	1.2
Piute	0	0.0	0	0.0	0.0	0.0
Rich	0	0.0	0	0.0	0.0	0.0
Salt Lake	2	33.3	11	47.8	9.6	56.5
San Juan	1	16.7	2	8.7	0.6	3.5
Sanpete	0	0.0	0	0.0	0.2	1.2
Sevier	0	0.0	0	0.0	0.0	0.0
Summit	0	0.0	0	0.0	0.0	0.0
Tooele	0	0.0	0	0.0	0.4	2.4
Uintah	0	0.0	0	0.0	0.0	0.0
Utah	0	0.0	3	13.0	1.2	7.1
Wasatch	0	0.0	0	0.0	0.0	0.0
Washington	1	16.7	1	4.3	0.2	1.2
Wayne	0	0.0	0	0.0	0.0	0.0
Weber	1	16.7	4	17.4	1.4	8.2
Totals	6	100.0	23	100.0	17.0	100.0

TB Cases By Foreign-born (FB) Status At First US Entry

Immigration Status	Current Month		Cumulative YTD		Previous 5-yr YTD average	
	Cases	Percent	Cases	Percent	Cases	Percent
Refugees	1	16.7	4	17.4	2.0	11.8
Immigrants	1	16.7	6	26.1	7.0	41.2
Students	0	0.0	2	8.7	1.4	8.2
Other FB Status	0	0.0	5	21.7	1.8	10.6

TB Cases By Case Verification

Case Verification	Current Month		Cumulative YTD		Previous 5-yr YTD average	
	Cases	Percent	Cases	Percent	Cases	Percent
Positive Culture	4	66.7	16	69.6	14.6	85.9
Positive NAAT	1	16.7	1	4.3	0.0	0.0
Clinical	1	16.7	6	26.1	1.4	8.2
Provider	0	0.0	0	0.0	1.0	5.9
Totals	6	100.0	23	100.0	17.0	100.0

NAAT=Nucleic Acid Amplification Test

TB Cases By Primary Reason for Evaluation*

Site of Disease	Current Month		Cumulative YTD		Previous 2-yr YTD average	
	Cases	Percent	Cases	Percent	Cases	Percent
TB Symptoms	5	83.3	17	73.9	10.0	60.6
Abnormal CXR	1	16.7	2	8.7	1.5	9.1
Contact Investigation	0	0.0	0	0.0	2.0	12.1
Targeted Testing	0	0.0	0	0.0	0.5	3.0
Health Care Worker	0	0.0	0	0.0	0.0	0.0
Administrative Testing	0	0.0	1	4.3	0.0	0.0
Immigration Exam	0	0.0	2	8.7	0.5	3.0
Incidental Lab Result	0	0.0	1	4.3	2.0	12.1
Unknown	0	0.0	0	0.0	0.0	0.0
Totals	6	100.0	23	100.0	16.5	100.0

CXR=Chest X-ray

*Data not available prior to 2009.

TB Cases By Residence At Time of Diagnosis

Residence	Current Month		Cumulative YTD		Previous 5-yr YTD average	
	Cases	Percent	Cases	Percent	Cases	Percent
Private Residence	6	100.0	21	91.3	16.0	94.1
Long-term Care	0	0.0	0	0.0	0.4	2.4
Corrections	0	0.0	0	0.0	0.2	1.2
Other	0	0.0	2	8.7	0.4	2.4
Totals	6	100.0	23	100.0	17.0	100.0

TB Cases By Medical Information

Medical Information	Current Month		Cumulative YTD		Previous 5-yr YTD average	
	Cases	Percent	Cases	Percent	Cases	Percent
Reported at Death	0	0.0	0	0.0	0.4	2.4
HIV	0	0.0	0	0.0	0.6	3.5
Diabetes*	1	16.7	3	13.0	1.5	9.1
ESRD*	0	0.0	0	0.0	0.0	0.0
Immunosuppressed*	1	16.7	1	4.3	0.5	3.0
Incomplete LTBI Tx*	2	33.3	3	13.0	1.0	6.1

HIV=Human Immunodeficiency Virus; ESRD=End Stage Renal Disease;

Immunopressed=Immunosuppression (not HIV);

LTBI Tx=Latent TB infection treatment

*Data not available prior to 2009; 2-year average calculated.

TB Cases By Risk Factors in 12 Mos Prior to Diagnosis

Risk Factors	Current Month		Cumulative YTD		Previous 5-yr YTD average	
	Cases	Percent	Cases	Percent	Cases	Percent
Contact*	1	16.7	1	4.3	3.0	18.2
Homeless	0	0.0	0	0.0	1.0	5.9
Excess Alcohol	1	16.7	2	8.7	1.2	7.1
Noninjecting Drugs	0	0.0	0	0.0	0.4	2.4
Injecting Drugs	0	0.0	0	0.0	0.2	1.2

Contact=contact to infectious TB case in <=2 years prior to TB diagnosis.

*Data not available prior to 2009; 2-year average calculated.

Cumulative YTD Drug Resistant TB Cases

County	Race	Ethnic	INH	RIF	PZA	EMB	SM	Other
Utah	W	H			X			
Salt Lake	A	NH	X	X			X	Rifabutin, Ethionamide
Weber	B	NH	X					
Salt Lake	A	NH	X					

RACE: A=Asian; B=Black; I=American Indian; P=Pacific Islander; W=White

ETHNICITY: H=Hispanic; NH=Not Hispanic

INH = Isoniazid; RIF = Rifampin; PZA = Pyrazinamide; EMB = Ethambutol; SM = Streptomycin